Drawing Uniform Garments: Panels, Badges, and Seams

Original task 1 / independent drawing and calculation

Task 1

On a 10 by 14 cm torso rectangle, divide the width into four equal columns and place a 2 cm placket centered on the midline and a 1.5 by 2 cm rectangular badge on the right chest panel. State the badge position and check that it clears the placket by at least 0.5 cm and stays inside the inner panel.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Draw a collar band 1.5 cm deep on a 12 cm wide top edge with a 2 cm center gap. Draw the placket 2 cm wide and check that the collar gap aligns with the placket edges.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

On a 12 by 16 cm torso rectangle, divide the width into four equal columns and center a 2 cm placket on the 6 cm midline. Test a circular badge 2 cm in diameter with its center 2.5 cm outward from the midline. Does it fit inside the left inner chest panel with at least 0.5 cm clearance from both the placket and the panel’s outer edge? Give a corrected center and radius if it does not.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

On a 12 by 16 cm torso, measure x from the left edge and y downward from the top. Draw the left sleeve seam as a straight segment from shoulder point (1,0) to side-edge point (0,3). Draw a left-panel badge rectangle with bounds x=3.25..4 cm and y=9..11 cm; the placket edge is x=5 and the panel outer edge is x=3. Check that the seam stays inside the torso and does not cross the badge.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.